PATENT ABSTRACTS OF JAPAN

(11)Publication number : 11-259393

(43)Date of publication of application : 24.09.1999

(51)Int.Cl.	G06F 13/00
	G06F 3/00

(21)Application number : 10-328451

(22)Date of filing : 18.11.1998

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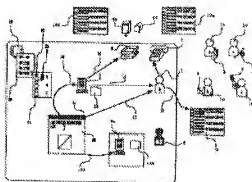UTSUKI SHINGO
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(30)Priority

Priority number : 09321415   Priority date : 21.11.1997   Priority country : JP

(54) USER ICON AND NETWORK SYSTEM

(57)Abstract:

PROBLEM TO BE SOLVED: To easily specify a communicating party by displaying the communicating party on the desk top of a personal computer(PC) while using an identifiable icon, and operating this icon.

SOLUTION: In a client/server system connecting plural PC through a network to a server, the pictures of user icons 1 and 2, which are prepared when a user performs accounting to the server, provided with information peculiar for the user and provided with the ability of user identification are displayed on the desk top of the PC, the user icons get the condition information of the user including the log-in or log-out information of the user PC and the activity schedule information of the user from the server and by designating the user icon 1 while adding indications 3 and 4 concerning the condition information to the user icons, the communicating party of electronic mail 8 or telephone 9 is specified. Besides, the user icon is provided with a function as a letterbox 13 for preserving mail outputted from or inputted to the user.

CLAIMS

[Claim(s)]
[Claim 1]When a user creates account to a server in a network system by which two or more information processing equipments are connected to a server via a network, By being an user icon displayed on a display of said information processing equipment, and having provided said user icon with information peculiar to a user, and having a user's discernment capability, and specifying said user icon, An user icon specifying an E-mail or a communications partner by a telephone.

[Claim 2]When a user creates account to a server in a network system by which two or more information processing equipments are connected to a server via a network, Are an user icon displayed on a display of said information processing equipment, and said user icon was provided with information peculiar to a user, and have a user's discernment capability, and said user icon, An user icon, wherein it acquires status information of a user including information on login or logout, or a user's action schedule information from a server, and a user's information processing equipment adds a display about said status information to said user icon and displays it.

[Claim 3]When a user creates account to a server in a network system by which two or more information processing equipments are connected to a server via a network, Are an user icon displayed on a display of said information processing equipment, and said user icon was provided with information peculiar to a user, and have a user's discernment capability, and said user icon, An user icon provided with a function as a letter box to save mail which mail presented by the user concerned or the user concerned received.

[Claim 4]An user icon displayed on a display of said information processing equipment when a user creates account to a server in a network system characterized by comprising the following by which two or more information processing equipments are connected to a server via a network.

the person himself/herself currently displayed on the information processing equipment concerned of the person himself/herself which said user icon equipped with information peculiar to a user, and is equipped with a user's discernment capability, and an user icon shows said user icon --- a user icon.

A communications-partner user icon for the person himself/herself concerned to communicate.

A function of a home directory on a server for which it is ** constituted and the person himself/herself concerned uses said person-himself/herself user icon.

[Claim 5]An user icon, wherein said communications-partner user icon has the function to specify an E-mail or a communications partner by a telephone, in Claim 4.

[Claim 6]An user icon, wherein said communications-partner user icon is provided with a function as a letter box to save mail which mail presented by the user concerned or the user concerned received, in Claim 4.

[Claim 7]In Claim 4, said communications-partner user icon, An user icon, wherein it acquires status information of a user including information on login or logout, or a user's action schedule information from a server, and a user's information processing equipment adds a display about said status information to said communications-partner user icon and displays it.

[Claim 8]An user icon transmitting information to a communications partner by operating an icon of a means of communication transmission including said E-mail or a telephone which iconified to a display of said information processing equipment, and was displayed in Claim 1 or 5, and said user icon.

[Claim 9]In a network system by which two or more information processing equipments are connected to a server via a network, By carrying out a screen display of the user icon which was provided with information peculiar to a user, and was provided with a user's discernment capability on a display of said information processing equipment, and specifying said user icon, when a user creates account to a server, A network system specifying an E-mail or a communications partner by a telephone.

[Claim 10]In a network system by which two or more information processing equipments are connected to a server via a network, When a user creates account to a server, it has information peculiar to a user, And carry out a screen display of the user icon provided with a user's discernment capability on a display of said information processing equipment, and said user icon, A network system acquiring status information of a user in whom a user's information processing equipment includes information on login or logout, or a user's action schedule information from a server, and adding a display about said status information to said user icon.

[Claim 11]In a network system by which two or more information processing equipments are connected to a server via a network, When a user creates account to a server, it has information peculiar to a user, And carry out a screen display of the user icon provided with a user's discernment capability on a display of said information processing equipment, and said user icon, A network system provided with a function as a letter box to save mail

which mail presented by the user concerned or the user concerned received.

[Claim 12]A network system by which two or more information processing equipments are connected to a server via a network, comprising:

When a user creates account to a server, it has information peculiar to a user, and the person himself/herself who does a screen display of the user icon provided with a user's discernment capability on a display of said information processing equipment and as whom said user icon is displayed on the information processing equipment concerned of the person himself/herself which an user icon shows -- a user icon.

A communications-partner user icon for the person himself/herself concerned to communicate.

A function of a home directory on a server for which it is ** constituted and the person himself/herself concerned uses said person-himself/herself user icon.

[Claim 13]A network system, wherein said communications-partner user icon has the function to specify an E-mail or a communications partner by a telephone, in Claim 12.

[Claim 14]A network system, wherein said communications-partner user icon is provided with a function as a letter box to save mail which mail presented by the user concerned or the user concerned received, in Claim 12.

[Claim 15]In Claim 12, said communications-partner user icon, A network system acquiring status information of a user in whom a user's information processing equipment includes information on login or logout, or a user's action schedule information from a server, and adding a display about said status information to said communications-partner user icon.

[Claim 16]By iconifying a means of communication transmission including said E-mail or a telephone in Claim 9 or 13, carrying out a screen display on a display of information processing equipment, and operating said user icon and an icon of said means of communication transmission, A network system transmitting information to a communications partner.

[Claim 17]A network system generating automatically mail data for transmitting said file created beforehand as an attached file of an E-mail by operating an icon and said user icon of a file created beforehand in Claim 9, and 13 or 16.

[Translation done.]

DETAILED DESCRIPTION

[Detailed Description of the Invention]
[0001]
[Field of the Invention]This inventions are an user icon in the computer connected to the server type network, and the technology about this user icon use.
[0002]
[Description of the Prior Art]The personal computer connected to the server type network. (It is hereafter called a personal computer) When an operator transmits and received information, including the document on an E-mail, an address book, a schedule, etc., mutually, software peculiar to each information was applied each time, and he specified the partner point concretely and had transmitted.
[0003]
[Problem to be solved by the invention]However, in specification of the partner point, although the data of a mail address etc. is used, this data is generally a character string, is complicated, and tends to make a mistake in it. [of carrying out a personal computer input] Even when the partner point specifies the partner point using the data by which the multiple name listing was carried out, complicatedness is accompanied by finding out the specific partner point from the list which the character string enumerated, and SUBJECT produces it in respect of operativity.
[0004]Since it is necessary to use different software for every kind of information transmitted and received by PC-operations persons and the transceiver contents on the software are recorded for every software, the recording is complicated.
[0005]The purpose of this invention is to transmit information to the partner point by carrying out the icon display also of the contents of signal transduction, and operating these icons while registering two or more partner points as an icon peculiar to each and carrying out a screen display of this icon with a personal computer.
[0006]
[Means for solving problem]In order to solve said SUBJECT, this invention mainly adopts the following composition.
[0007](1) When a user creates account to a server in the network system by which two or more information processing equipments are connected to the server via the network. By being an user icon displayed on the display of said information processing equipment, and having provided said user icon with information peculiar to a user, and having a user's discernment capability, and specifying said user icon, The user icon specifying an E-mail or the communications partner by a telephone.
[0008](2) When a user creates account to a server in the network system by which two or more information processing equipments are connected to the server via the network, Are an user icon displayed on the display of said information processing equipment, and said user icon was provided with information peculiar to a user, and have a user's discernment capability, and said user icon, wherein it acquires the status information of a user including the information on login or logout, or a user's action schedule information from a server, and a user's information processing equipment adds the display about said status information to said user icon and displays it.
[0009](3) When a user creates account to a server in the network system by which two or more information processing equipments are connected to the server via the network, Are an user icon displayed on the display of said information processing equipment, and said user icon was provided with information peculiar to a user, and have a user's discernment capability, and said user icon, An user icon provided with the function as a letter box to save the mail which the mail presented by the user concerned or the user concerned received.
[0010](4) When a user creates account to a server in the network system by which two or more information processing equipments are connected to the server via the network, Are an user icon displayed on the display of said information processing equipment, and said user icon was provided with information peculiar to a user, and have a user's discernment capability, and said user icon, the person himself/herself currently displayed on the information processing equipment concerned of the person himself/herself which an user icon shows --- with a user icon. An user icon, wherein it is ** constituted with a communications-partner user icon for the person himself/herself concerned to communicate and said person-himself/herself user icon has a function of the home directory on the server which the person himself/herself concerned uses.
[0011](5) In the network system by which two or more information processing equipments are connected to the server via the network, By carrying out a screen display of the user icon which was provided with information peculiar to a user, and was provided with a user's discernment capability on the display of said information processing equipment, and specifying said user icon, when a user creates account to a server, The network system specifying an E-mail or the communications partner by a telephone.

[0022]Drawing 12 -- drawing 14 are examples of a display screen in a case of transmitting a document file as an attached file of an E-mail.

[0023]As shown in Drawings, when those which need to stay in touch frequently operate a personal computer and they communicate the message content, an outline of this embodiment, While displaying two or more partners who contact on a display screen of a personal computer by an identifiable icon, operating the icon concerned and enabling it to specify a communications partner easily, it is the technology which is going to iconify a means, for example, an E-mail, to communicate, a telephone, etc., and is going to simplify communication operation. Suppose that icons including the user itself which display a communications partner which stays in touch identifiable are called an user icon below on these Descriptions in here.

[0024]A client-server system which communicates with many partners using an user icon of a personal computer (it is illustrating with PC by drawing 1) is illustrated as the section 1 by drawing 1, Not to mention the ability to communicate with many communications partners (client) in the section 1 by drawing 1, it is connected also to a client in the section 2 where protocols differ via a network gateway (G/W) by a communication line, and the client in the section 1 can communicate. A communications system of user icon concerning this embodiment is a system applicable to a network as shown in drawing 1.

[0025]Drawing 2 is Drawings which express the feature of this embodiment best, and the icons 1 and 2 of the communications partners A and B are displayed on the display screen of the display of a personal computer. Although it is common that a user (the partner of a communication destination or the person himself/herself of a communicating agency) can be identified individually, and what is necessary is just to use a mug shot as for the user icons A and B, a proper design not only like this but an identifiable illustration may be used. When choosing a specific communications partner out of many communications partners, choosing this using an icon can memorize a partner's face by being able to look for a communications partner easily and promptly, and using an icon as a mug shot compared with selection from the character list of communications partners.

[0026]The user icons A and B may be their specific posts which their are not limited to an individual and serve as a communications partner, for example, one post of a company organization.

[0027]In the case of a company, from the list of layered-structure-ized organisms (operation division) an user icon discovers a partner's user icon, creates the copy of the icon, newly creates a desktop and a folder, puts an user icon in it and is managed. If the address book 19 is opened, the window of the organism 20 is displayed and a specific organism is specifically chosen out of it as a screen display is carried out to the upper left of drawing 2, the user icon 22 belonging to the organism can be displayed. In drawing 2, the attribute of a business trip state is shown by 23 displaying the attribute of the user (communications partner) equivalent to the user icon 22, and displaying a bag here.

[0028]An user icon functions as a communicative window and the user of a sending agency specifies two or more communications partners which communicate frequently, A screen display of those user icons is preferably carried out on a desktop on the display screen of a personal computer, and a system configuration is carried out so that it can communicate by carrying out click specification of the displayed user icon. And in order to communicate with a communications partner, it is necessary to grasp a partner's state or attribute, and he adds this state or attribute to the user icon concerned, and is trying to display it.

[0029]It is the display for which 3 shows that the user concerned is a business trip by this embodiment in drawing 2, for example, It is the display it is indicated to be that the user concerned is a vacation 4, 5 is a display which shows that the message arrived from the user concerned, and 6 is a display which shows that the telephone call is got from the user concerned. It is indicating that the user B logs out by changing the color of the user's B icon into a specific color, or changing it into a light color.

[0030]Although the user icon created as mentioned above has an user icon of the communications partner of the user icon of a communicating agency, and plurality, and these are displayed on the display screen of a personal computer and serve as a communicative window, These user icons hold the information for attaining the following functions.

[0031]If the user icon concerning the user of the communication origin in the personal computer of a communicating agency holds information including the name and place of a server where self belongs and it clicks on this icon, it is connectable with its home directory.

[0032]The user icon showing a communications partner displayed on the display screen of the personal computer of a communicating agency in this embodiment, Have the information which includes the name and place of a server where the communications partner itself belongs like the user icon of said communication origin, and via this information, . Connected with said server of the user icon concerned via the communication line, and were recorded on the server. The information about a user's e-mail address, a telephone number, a FAX number, a belonging section, a zip code, and an address, or, the status information of whether to log out to which the user of a communications partner logs in, and the schedule information of the user of a communications partner can be obtained.

[0033]It is set up in the personal computer concerning this embodiment ask an own server about the mail information about the user icon concerned by having said user icon.

[0034]According to the system provided with this user icon, an E-mail can be transmitted, The mark of the arrival of an E-mail can be displayed and the telephone containing voice mail can be sent, The mark of the arrival of the telephone containing voice mail can be displayed, the mark of login or logoff can be displayed, the schedule of under a business trip or the vacation middle class can be displayed, and a share screen with the communications partner

under telephone call by a telephone can be set up.

[0035]Since the user icon concerning this embodiment is provided with the inquiry information to the server to which self belongs and he is trying to equip said server with detailed information, the partner who tries to aim at communication via an user icon will certainly ask a server. For this reason, the owner of an user icon can set restriction of the indication permission of detailed information to a specific partner as an own server. According to this embodiment, minimum information, including the address of an E-mail, a telephone number, a zip code (zip code of an in-house mail), an organization address, etc., can make a schedule, a house address, etc. an open object to people with other information, for example, a boss and specific authority, as it sees also by whom.

[0036]The client/server system using the user icon concerning this embodiment comprises the following as the program which it has, or a file.

[0037](1) The data file which has data about an identifiable icon peculiar to a user, a user's login name, and Server Name into which the user is registered, (2) The processing to said data file, the processing which sends a processing demand to a server program, the client program in the personal computer which performs processing for changing expression of said data file to the processing demand from a server program, and (3) — the server program which performs processing answered to the demand from said client program.

[0038]And said data file is created when a user sets a user account (right to log in) as a server. For example, in the case of a company, it is created at the time of entrance into a company, and in the case of an individual, it will be created when a network provider etc. are joined. On the personal computer to be used, it is displayed using said icon information, and, in the case of an individual, normal use of the mug shot is carried out to said icon information, but as long as said data file can identify an individual, data other than a mug shot may be sufficient as it. In an organization, the icon which can identify the contents of the organization is used. Said icon corresponds to a user's account at the couple 1 (it is a Reason called an user icon).

[0039]As mentioned above, the user icon concerning this embodiment is a thing which carries detailed personal information with a mug shot and which is equivalent to an electronic card so to speak.

[0040]Drawing 3 dragging and dropping the icon 24 of the partner who wants to telephone to the telephone icon 25, shows that it can telephone to the partner by whom it is shown to the icon 24, and it shows how to set up the share screen which shares the partner and the document data 31 under telephone call.

[0041]If drag operation is carried out so that the window 26 which displays the call partner of a telephone, and the application window 30 about the documents 31 of a communicating agency (person himself/herself) may be connected according to this, it will be displayed so that the windows 26 and 30 may be connected by the cable 29. It turns out that it was connected by this. Since a screen display of the share screen of each other is carried out among call persons, the mutual telephone call by a telephone can be performed smoothly, pointing out the contents of the documents 31 of a screen with cursor (the mouse cursor 32 of the person himself/herself and a telephone partner's mouse cursor 33 are displayed on a share screen).

[0042]Drawing 4 shows a display screen when software only for an E-mail is started, and indicates that it can stick not only data but an icon of a person (persons other than a communications partner of an E-mail) relevant to the data concerned on an area of the text of an E-mail. An E-mail is sent by there being an icon for transmitting an E-mail in the upper right of said display screen, clicking on this icon, and putting on a posticon on a display screen, or an user icon of a communications partner (addressee) on a display screen.

[0043]The whole screen shown in drawing 4 can show contents transmitted as an E-mail, and can also make an addresser's user icon and an addressee's user icon a part of the contents of dispatch of an E-mail. An user icon stuck on an area of the text of an E-mail is the communications-partner point, by drag-and-drop operation, is freely stuck in windows, such as a desktop, and can be used as an user icon. Thus, an user icon can be attached to an E-mail, and once it sends an user icon, communication from the communications-partner point can be henceforth performed simply and easily by using the user icon.

[0044]Drawing 5 shows the setting screen of the disclosed information of a server. The owner of an user icon or the administrator of a server can set up this setting screen by the server to which the user icon concerned belongs, and this setting detail is managed by said server program. According to this setting screen, in the setting-out window of the public information displayed with the pop up menu of information disclosure, the contents of public information, such as a schedule, a login situation, a private information, being specified, and specifying the communications partner which opens information to each column of said information content is shown.

[0045]Specifically, the communications partner is specified for every public information by sticking the user icon of a communications partner on said each column by drag-and-drop operation. In the concrete graphic display screen shown in drawing 5, the communication origin of the user icon at the upper left of a screen, It means releasing [situation / login] information to three persons' communications partner to two persons' communications partner, respectively about the schedule, and carrying out information disclosure to no communications partner about private information.

[0046]Further, it adjusts and the function and operation using an user icon are explained below.

[0047]About transmission of an E-mail, although explanation of drawing 4 also indicated, when it describes further, there are two kinds of procedures as follows in transmission of an E-mail.

[0048](1) When it is going to carry out transmitting mail using E-mail dedicated software, it becomes a display screen like drawing 4, and an addressee's user icon (icon at the upper left of drawing 4) can be attached on the data of e-mail. The purport of a letter which transmits first is described, next an addressee's user icon is stuck on the column of the destination by drag-and-drop operation a desktop top or out of an user icon list (the state where this

under telephone call. And operation to share is performed by pulling and connecting to the window which wants to share the "correlation cable" attached to the window under telephone call. Under the present circumstances, sharing of two or more windows is also possible.

[0066]Next, various kinds of process flows in the client/server system of icon use are explained below. Drawing 6 shows the process flow of the entire configuration of said client/server system, and first, each personal computer acquires information from a server, and acquires the information about all the user icons. next -- acquiring the situation with an user icon of each communications partner -- for example, under login ****** -- under a business trip ****** -- during a vacation ****** -- etc. -- a situation is acquired and the display of an user icon is changed according to each situation (refer to drawing 7).

[0067]Then, a mail arrival display of an E-mail is processed from a communications partner. If there is e-mail from a partner, a partner's user icon will be changed into a state with an unread mail (refer to drawing 8). Such situation display processing and arrival-of-the-mail display processing are carried out about all the user icons.

[0068]Subsequently, if it confirms whether there is any arrival of a telephone and there is telephone arrival, After checking no first to see it is in telephone call refusal mode, and setting up a ringer tone if it is no as shown in drawing 9, the telephone arrival display change of a call partner's user icon is carried out, Then, if it answers, it will talk over the telephone, and if designated time passes without answering, while starting answering machine mode and performing voice mail sound recording, the user icon concerned is changed into a state with an unread mail. If telephone call refusal mode is yes, voice mail sound recording will be carried out promptly.

[0069]It confirms whether an user icon was put on a telephone icon, and when it piles up, call processing shown in drawing 10 is performed. Namely, acquire a user's account name from a call partner's user icon, and a place of a partner's server is acquired from a partner's user icon, A connection request is performed to a partner's server, a case where it is not connected is talked over the telephone, when not connected, it confirms whether connect in answering machine mode, and a sound of a user of an agency talking over the telephone is transmitted as a message.

[0070]Then, if it confirms whether dispatch of an E-mail was carried out and there is dispatch, as shown in drawing 11, a user's account name will be acquired from a dispatch partner's user icon, a place of a partner's server will be acquired from a partner's user icon, and transmitting mail will be performed to a partner's server.

[0071]Next, when dispatch of an E-mail is not carried out, it confirms whether a double click was carried out, if a double click is its user icon, a home directory will be opened, and if it is not its user icon, a letter box of mail with a communications partner will be opened.

[0072]As explained above, it can be said that an user icon concerning an embodiment of this invention is a thing provided with a function as roughly divided and two cases existed as shown below, and shown below by each case.

[0073]one -- a display screen top of a communicating agency -- desirable -- a desktop top -- a user of a communicating agency -- it is a case where there is an user icon showing the person himself/herself of the person himself/herself, and the user icon concerned achieves an entrance function to a home directory on a server which the person himself/herself is using in this case.

[0074]others -- a display screen top of a communicating agency -- desirable -- a desktop top -- the person himself/herself of a communicating agency -- it is a case where there is an user icon of an except, and the following three functions are done so in this case. Achieve a one-eyed function and a function which communicates from the person himself/herself to a user of the user icon concerned using an E-mail or a telephone the second function, Achieving a function as a letter box to record and save mail from the user concerned, and mail addressed to the user concerned, the third function has achieved further a function which adds situations, such as a login situation of the user concerned, a business trip situation, and a vacation situation, to the user icon concerned, and displays them.

[0075]Thus, operation of transmission and a telephone by using an user icon to the user concerned whom an user icon shows of an E-mail is easily realizable by operating it combining an user icon, and an e-mail icon and a telephone icon.

[0076]As mentioned above, according to this embodiment, by displaying two or more partners who contact on a personal computer display screen by an identifiable icon, the icon concerned is operated and a communications partner can be specified easily. By also iconifying means of communication, such as a means, for example, an E-mail, to communicate, and a telephone, and specifying the icon concerned, a means of communication can be specified and communication operation can be simplified.

[0077]The various communications with a specific partner can be easily performed by iconifying both a communications partner and a means of communication, and specifying both these icons.

[0078]By choosing this using an icon, when choosing a specific communications partner out of many communications partners, A partner's face can be memorized by being able to look for a communications partner easily and promptly, and using an icon as a mug shot compared with selection from the character list of communications partners.

[0079]The situation of the communications-partner point can be visually grasped by acquiring situations, such as a user's login situation, a business trip situation, and a vacation situation, adding these situations to the user icon concerned, and displaying them.

[0080]A mail arrival situation can be recognized easily and promptly by indicating that e-mail received a message and that there was telephone arrival on an user icon.

[0081]The mutual telephone call by a telephone can be smoothly performed by carrying out a screen display of the

share screen of each other among call persons, pointing out the contents of the documents of a screen mutually by the mouse cursor of the person himself/herself and a telephone partner's mouse cursor.

[0082]

[Effect of the Invention]According to this invention, since communication becomes possible by operating the user icon displayed on a display screen, simplification of operation is attained and operativity can be improved.

[Translation done.]

DESCRIPTION OF DRAWINGS

[Brief Description of the Drawings]
[Drawing 1]It is a figure showing the outline of a client/server system concerning this invention in which many personal computers of the icon display are connected to the server via the network.
[Drawing 2]It is a figure concerning the embodiment of this invention displaying an icon, a transceiver icon, a telephone icon, a documents icon, etc. of the other party on a desktop and in which showing the operation mode of an icon.
[Drawing 3]It is a figure showing the setting method of the share display screen of a partner's specification in Telephonic Communications Division and the partner under telephone call concerning the embodiment of this invention.
[Drawing 4]When transmitting an E-mail, it is a figure showing an example of the display screen by the side of the addresser by the software only for an E-mail.
[Drawing 5]It is a figure showing the setting method which releases only specific information to a specific partner out of many communications partners.
[Drawing 6]It is a figure showing the flow for acquiring a partner icon using the information from a server, and performing processing of a telephone, an E-mail, etc.
[Drawing 7]It is a flow which shows the procedure which adds the situation of a communications partner to the icon of a communications partner, and is changed.
[Drawing 8]It is a flow which shows the procedure for [of an E-mail] indicating by mail arrival.
[Drawing 9]It is a flow which shows the procedure for giving processing and its display of telephone arrival.
[Drawing 10]It is a flow which shows the procedure for performing call processing by a telephone.
[Drawing 11]It is a flow which shows the procedure for processing E-mail dispatch.
[Drawing 12]It is an example of a display screen in the case of transmitting a document file as an attached file of an E-mail.
[Drawing 13]They are other examples of a display screen in the case of transmitting a document file as an attached file of an E-mail.
[Drawing 14]It is an example of a display screen of further others in the case of transmitting a document file as an attached file of an E-mail.
[Explanations of letters or numerals]
1 The icon of the communication partner who logs in
2 The icon of the logged-off communication
3 The display which shows the attribute of a business trip state
4 A display which shows the attribute of a vacation
5 A display which shows an attribute with a message from a person in question
6 A display which shows an attribute which has required a telephone from a person in question
7 An icon of documents (data)
7a An icon of documents (data) in a holder
8 An icon of a transmitting function
8a An icon of a receiving function
8b An icon of a transmitting function
9 An icon of a telephone function
10 A window of application
11 A mark for drag and drop
12 A holder
13 A transceiver list from the communication partner 1
13a All the transceiver lists of the microcomputer operators concerned
13b Each list of [when a transmitting function and a receiving function are made separate]
14 Progress of an icon display by preservation operation of documents made with application
14a Progress of an icon display in a folder window by preservation operation to a holder of documents made with application
15 Progress of transmitting processing of documents at the time of drags and drops documents to a transceiver icon
16 Progress which dragging and dropping to an icon of a partner who wants to send documents, and transmits

against documents
17 Progress which dragging and dropping a window to an icon of a partner who wants to send using a mark for drag and drop, and transmits against documents in preparation with application
18 Progress which operates a partner's icon and displays a transceiver list from a partner
19 An address book
20 A list of communication partners of class form by opening an address book, for example, department-and-section form
21 An icon list in department and section
22 An icon which shows a specific partner who belongs to department and section
23 A display which shows the attribute of a partner's condition
24 An icon of a partner who wants to telephone
25 An icon of a telephone function
26 A window which displays a partner of a telephone
27 An image into which a partner is registered beforehand
28 Operation progress for displaying the window 26 and a share screen which display a telephone partner
29 A cable which connects the window 26 which displays a telephone partner, and the window 30 to use as a share screen
30 A window of a share screen
31 Shared documents displayed in the window 30
32 A mouse cursor of the PC-operations person concerned
33 A telephone partner's mouse cursor
34 Mail data
35 A partner's mail address
36 A title of e-mail
37 The text of e-mail
38 A document file
39 A selection menu for choosing a template of an E-mail
40 Mail data (correction is possible)

[Translation done.]